OIPE

DATE: 05/13/2002
TIME: 14:45:04

Input Set : **A:\Cura-438.app**
Output Set: **N:\CRF3\05132002\I970944.raw**

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 3 <110> APPLICANT: Herrman, John L
 4        Rastelli, Luca
 5        Shimkets, Richard A
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 8        Antibodies Directed Against these Proteins
10 <130> FILE REFERENCE: 21402-138
12 <140> CURRENT APPLICATION NUMBER: 09/970,944
C--> 13 <141> CURRENT FILING DATE: 2002-05-02
15 <150> PRIOR APPLICATION NUMBER: 60/237,862
16 <151> PRIOR FILING DATE: 2000-10-04
18 <160> NUMBER OF SEQ ID NOS: 62
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PATENT APPLICATION: US/09/970,944   TIME: 14:45:04

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91 Asn Pro Val Pro Gly Ala Asn Pro Asp Leu Leu Pro His Phe Leu Val
92          35                  40                  45
94 Glu Pro Glu Asp Val Tyr Ile Val Lys Asn Lys Pro Val Leu Leu Val
95      50                  55                  60
97 Cys Lys Ala Val Pro Ala Thr Gln Ile Phe Phe Lys Cys Asn Gly Glu
98  65                  70                  75                  80
100 Trp Val Arg Gln Val Asp His Val Ile Glu Arg Ser Thr Asp Gly Ser
101          85                  90                  95
103 Ser Gly Glu Pro Thr Met Glu Val Arg Ile Asn Val Ser Arg Gln Gln
104          100                 105                 110
106 Val Glu Lys Val Phe Gly Leu Glu Glu Tyr Trp Cys Gln Cys Val Ala
107          115                 120                 125
109 Trp Ser Ser Ser Gly Thr Thr Lys Ser Gln Lys Ala Tyr Ile Arg Ile
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112 Ala Arg Leu Arg Lys Asn Phe Glu Gln Glu Pro Leu Ala Lys Glu Val
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124 Arg Gln Ala Arg Leu Ala Asp Thr Ala Asn Tyr Thr Cys Val Ala Lys
125         210               215               220
127 Asn Ile Val Ala Arg Arg Arg Ser Ala Ser Ala Ala Val Ile Val Tyr
128 225               230               235               240
130 Val Asn Gly Gly Trp Ser Thr Trp Thr Glu Trp Ser Val Cys Ser Ala
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134             260               265               270
136 Ala Pro Leu Asn Gly Gly Ala Phe Cys Glu Gly Gln Asn Val His Asp
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140         290               295               300
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146             325               330               335
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152         355               360               365
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155     370               375               380
157 Cys Arg Lys Lys Glu Gly Leu Asp Ser Asp Val Ala Asp Ser Ser Ile
158 385               390               395               400
160 Leu Thr Ser Gly Phe Gln Pro Val Ser Ile Lys Pro Ser Lys Ala Asp
161             405               410               415
163 Asn Pro His Leu Leu Thr Ile Gln Pro Asp Leu Ser Thr Thr Thr Thr
164         420               425               430
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172 Thr Leu His His Ser Ser Pro Thr Ser Glu Ala Glu Glu Phe Val Ser
173 465               470               475               480
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185     530               535               540
187 Arg Leu Pro Leu Ala Gly Cys Gln Thr Leu Leu Ser Pro Ile Val Ser
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196 Lys Gln Ser Cys Glu Gly Ser Trp Glu Gln Asp Val Leu His Leu Gly
197             595                 600             605
199 Glu Glu Ala Pro Ser His Leu Tyr Tyr Cys Gln Leu Glu Ala Ser Ala
200         610                 615             620
202 Cys Tyr Val Phe Thr Glu Gln Leu Gly Arg Phe Ala Leu Val Gly Glu
203 625                 630                 635                 640
205 Ala Leu Ser Val Ala Ala Ala Lys Arg Leu Lys Leu Leu Leu Phe Ala
206             645                 650                 655
208 Pro Val Ala Cys Thr Ser Leu Glu Tyr Asn Ile Arg Val Tyr Cys Leu
209             660                 665                 670
211 His Asp Thr His Asp Ala Leu Lys Glu Val Val Gln Leu Glu Lys Gln
212             675                 680                 685
214 Leu Gly Gly Gln Leu Ile Gln Glu Pro Arg Val Leu His Phe Lys Asp
215         690                 695                 700
217 Ser Tyr His Asn Leu Arg Leu Ser Ile His Asp Val Pro Ser Ser Leu
218 705                 710                 715                 720
220 Trp Lys Ser Lys Leu Leu Val Ser Tyr Gln Glu Ile Pro Phe Tyr His
221             725                 730                 735
223 Ile Trp Asn Gly Thr Gln Arg Tyr Leu His Cys Thr Phe Thr Leu Glu
224             740                 745                 750
226 Arg Val Ser Pro Ser Thr Ser Asp Leu Ala Cys Lys Leu Trp Val Trp
227             755                 760                 765
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230         770                 775                 780
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/13/2002
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<u>**Please Note:**</u>
**Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.**

Seq#:9; N Pos. 2,3,4,5,6,7,9,10,11,12,17,19,22,25,28,29,30

VERIFICATION SUMMARY   DATE: 05/13/2002
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Output Set: **N:\CRF3\05132002\I970944.raw**

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